# Double Stackable Shaking Incubator LX301SCS

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# Description

Double stackable shaking incubator LX301SCS is a dual chamber shaking incubator with a PID microprocessor controller, LCD display for setting parameters and visualization, a large toughened glass window to view temperature, speed and time. Features various types of alarm functions such as high/low limit over temperature acoustic & visual alarm, high/low limit over speed alarm, continuous running and time setting. Motor over-heat protection, automatic power cut-off in case of temperature out of control or abnormal over-temperature. It is mostly used in germ culture, fermentation, hybridization, and research of biochemical reactions, enzymes and cellular tissue and all those require high temperature and oscillation frequency.

# Specifications

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| **Volume** | 155 L |
| **Motion type** | Orbital/Reciprocal (Switchable) |
| **Shaking speed range** | 30-300rpm |
| **Speed accuracy** | ±1rpm |
| **Amplitude** | Φ25mm |
| **Display** | LCD |
| **Temperature range** | 4~60°C (Ambient temp.) |
| **Temperature resolution** | ±0.1°C |
| **Temperature uniformity** | ±1°C (37°C) |
| **Temperature fluctuation** | ≤0.2°C(37°C) |
| **Timer range** | 0-999 h 59 min |
| **Convection model** | Forced air convection |

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| **Number of trays** | 1 |
| **Tray dimension (W x D)** | 456 x 450 mm |
| **Max. capacity of flasks** | 250ml x 20pcs<br>500ml x 16pcs<br>1000ml x 9pcs<br>2000ml x 5pcs<br>5000ml x 4pcs |
| **Lamp** | Illumination lamp / UV lamp |
| **Power** | 830 W |
| **Electrical supply** | AC 200 240V 50/60HZ |
| **Inner dimensions (W x D x H)** | 560 x 500 x 555 mm |
| **Exterior dimensions (W x D x H)** | 650 x 820 x 810 mm |
| **Net weight** | 140 kg |
| **Packing dimensions** | 800 x 980 x 990 mm |
| **Gross weight** | 170 kg |

## Features

- Speed range extendable to 30-300rpm with temperature range RT+5°C~60°C
- Max stacking up to 2 units
- Switch between reciprocal/rotary for multipurpose
- LCD display with PID microprocessor controller
- Having maintenance-free variable frequency motor, over temperature and speed acoustic & visual alarm

- The function of encrypted and locked operating parameters to avoid errors
- Features speed saving, power-failure recovery, parameter memory, temperature/speed calibration, time display, and room/working temperature display. Repeat, increment
- 8-segment curve programming setting
- Came-with anti-static plastic coating steel casing with stainless steel inner chamber and tray

## Applications

- Stackable shaking incubator used in biotechnology companies, pharmaceutical, fermentation, microbiology, biochemical experiments, food and environmental protection.

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